

a recording medium controller for reading the multiplexed coded data and control data; and

a coded data control section for controlling the reproducing of the multiplexed coded data by controlling the recording medium controller based on the control data;

wherein the control data includes the key-frame location information, the key-frame being at least one of an I-frame and P-frame, the key-frame location information including information on a head position of a data-pack including a head of the coded video-data of the key-frame or a head of the coded audio-data corresponding to the key-frame.

10. (Amended) A reproducing apparatus as defined in claim [1] 9, wherein the key-frame location information also includes information on a head or a tail of coded video-data of the key-frame.

*B1 SUBC CONC*  
11. (Amended) A recording apparatus as defined in claim [1] 9, wherein the multiplexed coded data comprises coded audio-data, coded video-data and a header added for multiplexing the coded audio-data with the coded video-data and is recorded on the recording medium as separate data-packs each having the header on a head position.

*B2 CONT*  
13. (Amended) A recording apparatus as defined in claim [4] 12, wherein the key-frame location information also includes a head or a tail of the coded video-data of the key-frame.